

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/086039 A2

(51) International Patent Classification⁷: G01N 33/53,
33/567, 33/68, C07K 14/47, 5/02

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(21) International Application Number:
PCT/IB2004/001318

(22) International Filing Date: 29 March 2004 (29.03.2004)

(25) Filing Language: English

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

(30) Priority Data:
60/457,572 27 March 2003 (27.03.2003) US

Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv)) for US only

(71) Applicants (for all designated States except US): IN-
STITUT PASTEUR [FR/FR]; 25-28, rue du Docteur
Roux, F-75015 Paris (FR). INSTITUT NATIONAL DE
LA SANTE ET DE LA RECHERCHE MEDICALE
[FR/FR]; 101, rue de Tolbiac, F-75013 Paris (FR).

Published:
— without international search report and to be republished
upon receipt of that report

(72) Inventors; and
(75) Inventors/Applicants (for US only): SANSONETTI,
Philippe [FR/FR]; 131, boulevard Brune, F-75014 Paris
(FR). GIRARDIN, Stephen [FR/FR]; 76, rue de Fontenay,
F-94300 Vincennes (FR). PHILPOTT, Dana [GB/FR];
76, rue de Fontenay, F-94300 Vincennes (FR). BONECA,
Ivo [PT/FR]; 71 avenue Guy Mocquet, F-94400 Vitry Sur
Seine (FR).

(48) Date of publication of this corrected version:
4 November 2004

(74) Agents: MARTIN, Jean-Jacques et al.; Cabinet Regim-
beau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(15) Information about Correction:
see PCT Gazette No. 45/2004 of 4 November 2004, Sec-
tion II

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

WO 2004/086039 A2

(54) Title: A METHOD FOR MODULATING NOD1 ACTIVITY, USE OF A MTP RELATED MOLECULE FOR MODULATING
NOD1 ACTIVITY, AND THERAPEUTIC APPLICATIONS THEREOF

(57) Abstract: A method for modulating Nod1 activity wherein said method comprises the steps of providing cells expressing a functional Nod1; and bringing said cells into contact with a molecule related to compositions comprising a molecule related to MTP and use of a molecule related to MTP for modulating inflammation and/or apoptosis.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/086039 A2

(51) International Patent Classification⁷: G01N 33/53,
33/567, 33/68, C07K 14/47, 5/02

(21) International Application Number:
PCT/IB2004/001318

(22) International Filing Date: 29 March 2004 (29.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/457,572 27 March 2003 (27.03.2003) US

(71) Applicants (for all designated States except US): INSTITUT PASTEUR [FR/FR]; 25-28, rue du Docteur Roux, F-75015 Paris (FR). INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE [FR/FR]; 101, rue de Tolbiac, F-75013 Paris (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SANSONETTI, Philippe [FR/FR]; 131, boulevard Brune, F-75014 Paris (FR). GIRARDIN, Stephen [FR/FR]; 76, rue de Fontenay, F-94300 Vincennes (FR). PHILPOTT, Dana [GB/FR]; 76, rue de Fontenay, F-94300 Vincennes (FR). BONECA, Ivo [PT/FR]; 71 avenue Guy Mocquet, F-94400 Vitry Sur Seine (FR).

(74) Agents: MARTIN, Jean-Jacques et al.; Cabinet Regimeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/086039 A2

(54) Title: A METHOD FOR MODULATING NOD1 ACTIVITY, USE OF A MTP RELATED MOLECULE FOR MODULATING NOD1 ACTIVITY, AND THERAPEUTIC APPLICATIONS THEREOF

(57) Abstract: A method for modulating Nod1 activity wherein said method comprises the steps of providing cells expressing a functional Nod1; and bringing said cells into contact with a molecule related to compositions comprising a molecule related to MTP and use of a molecule related to MTP for modulating inflammation and/or apoptosis.